

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	ChoonHoe Koh et al.	Examiner:	
Serial No.:		Group Art Unit:	
Filed:	March 12, 2004	Docket No.:	STL11595
Title:	Sensing A Prior Head Position By A Motion Pattern		

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
--	--

INFORMATION DISCLOSURE STATEMENT

## Section 1. Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)

Form PTO/SB/08A is attached hereto.

## Section 2. Remarks or Additional Statements

☒ This Information Disclosure Statement is being filed along with a new patent application.

☐ This Information Disclosure Statement is being filed *within* three months of the filing date of the application or date of entry into the national stage of an international application or *before* the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b).

☐ 37 C.F.R. §1.97(c) This Information Disclosure Statement is being filed *after* three months of the filing date of this national application or the date of entry of the national Stage as set forth in Section 1.491 in an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last but *before* the mailing date of either:

1. a final action under section 1.113; or
2. a notice of allowance under section 1.311  
whichever occurs first.

☐ A fee under 37 C.F.R. §1.17(p) is required because no certification under 37 C.F.R. §1.97(e) has been made; or

☐ No fee is required because certification statement under 37 C.F.R. §1.97(e) is noted below.

☐ 37 C.F.R. §1.97(d) This Information Disclosure Statement is being filed *after* a final action under §1.113, or a notice of allowance under §1.113, whichever occurs first, but before, or simultaneously with, the payment of the issue fee.

☐ A fee under 37 C.F.R. §1.17(p) is required and either of the statements below (37 C.F.R. §1.97(e)).

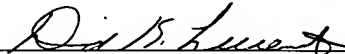
- ☐ 37 C.F.R. §1.97(e) Choose either Statement:
- ☐ Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing; or
- ☐ No item of information contained in the IDS was cited in a communication from a foreign patent office in the counterpart foreign application, and to my knowledge no item of information contained in the IDS was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this IDS.

Consideration of the listed items is respectfully requested.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC  
(Assignee of Entire Interest)

3/12/07  
Date

  
David K. Lucente, Reg. No. 36,202  
SEAGATE TECHNOLOGY LLC  
Intellectual Property Dept. - COL2LGL  
389 Disc Drive  
Longmont, CO 80503  
(720) 684-2295 (telephone)  
(720) 684-2588 (facsimile)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

**Complete if Known**

Application Number

Filing Date

03/12/2004

First Named Inventor

ChoonHoe Koh

Art Unit

Examiner Name

Attorney Docket Number

STL11595

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US- 4,458,273	07/03/1984	Johnson	
	AB	US- 4,736,356	04/05/1988	Konshak	
	AC	US- 5,313,354	05/17/1994	Sampietro et al.	
	AD	US- 5,384,675	01/24/1995	Crawforth et al.	
	AE	US- 5,493,670	02/20/1996	Douglis et al.	
	AF	US- 5,495,156	02/27/1996	Wilson et al.	
	AG	US- 5,530,602	06/25/1996	Boutaghou et al.	
	AH	US- 5,615,064	03/25/1997	Blank et al.	
	AI	US- 5,654,840	08/05/1997	Patton et al.	
	AK	US- 5,663,846	09/02/1997	Masuoka et al.	
	AL	US- 5,781,363	07/14/1998	Rowan et al.	
	AM	US- 5,789,891	08/04/1998	Nakane	
	AN	US- 5,825,575	10/20/1998	Lee	
	AO	US- 5,875,063	02/23/1999	Corrington et al.	
	AP	US- 5,959,814	09/28/1999	Mallary et al.	
	AQ	US- 5,973,887	10/26/1999	Cameron	
	AR	US- 6,061,198	05/09/2000	Shrinkle	
	AS	US- 6,064,539	05/16/2000	Null et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AA	EP 0224378 B1	10/23/1991	Seagate		
	AB	EP 0804794 B1	04/07/1999	Seagate		
	AC	WO 03065360 A1	08/07/2003	Data Domain, Inc.		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

2

**Complete if Known**

Application Number

Filing Date

03/12/2004

First Named Inventor

ChoonHoe Koh

Art Unit

Examiner Name

Attorney Docket Number

STL11595

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
	AT	US-	6,088,185	07/11/2000	Ratliff et al.	
	AU	US-	6,104,153	08/15/2000	Codilian et al.	
	AV	US-	6,125,006	09/26/2000	Khuu	
	AW	US-	6,140,784	10/31/2000	Mazda	
	AX	US-	6,363,214 B1	03/26/2002	Merello et al.	
	AY	US-	6,498,698 B1	12/24/2002	Golowka et al.	
	AZ	US-	6,574,062 B1	06/03/2003	Bennett et al.	
	B1	US-	2001/0026416 A1	10/04/2001	Teshigawara	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.